

# GEOMETRY

2010-2011 SCHOOL YEAR

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## CONTACT INFORMATION

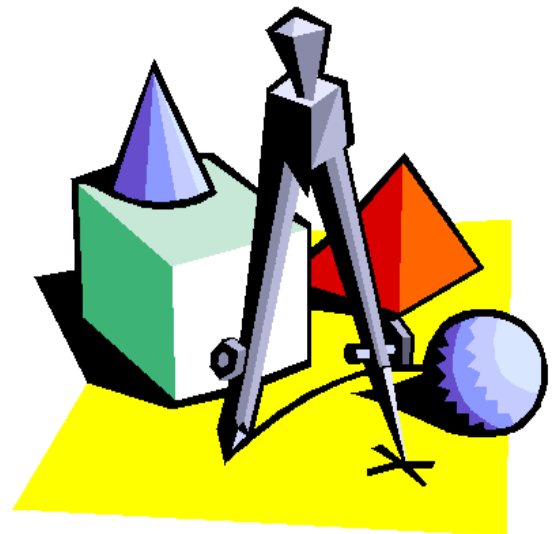
We are committed to checking our e-mail at least twice every week day. E-mail is the best and most convenient way to reach us (even to request a call).

**Rachel Ullrich (8.2):**  
rlivengo@jeffco.k12.co.us

**Angela Demanlow (8.1):**  
demanio@jeffco.k12.co.us

## WHAT IS GEOMETRY?

Simply put, geometry is the study of the size, shape and position of 2 dimensional shapes and 3 dimensional figures. However, geometry is used daily by almost everyone. In geometry, one explores spatial sense and geometric reasoning. Geometry is found everywhere: in art, architecture, engineering, robotics, land surveys, astronomy, sculptures, space, nature, sports, machines, cars and much more. When taking geometry, spatial reasoning, logical reasoning and problem solving skills will be developed.



## SUPPLIES FOR SUCCESS

In order to be a successful Geometry student it is essential to have the following supplies at your fingertips (ie; in your locker). The **bolded** supplies should be with you everyday.

Please **use the organization system that works best for YOU!** Such as, spiral notebook for notes and a folder for homework and returned papers or a 3 ring binder with dividers for notes, homework, and returned papers. It's important that you have an organized way to keep track of notes, homework and returned papers.

- Pencils/Pens
- Textbook (assigned to you at beginning of the year)
- Planner
- **Loose leaf paper or spiral notebook**
- Folder, accordion, or 3 ring binder to store homework and returned papers
- Protractor
- Compass
- TI-84 +, TI-84 Silver addition, or TI-Nspire Graphing Calculator
- Ruler and Scissors
- Colored Pencils
- Dry Erase Markers
- AAA Batteries

## GRADING POLICY

### Grades will consist of two main categories: Understanding of Concepts and Effort on Tasks.

Understanding of Concepts (65%) will include but is not limited to:

- End of unit tests
- Application based projects

Effort on Tasks (35%) will include but is not limited to:

- Daily Work (on-time = full credit)
- Application based projects

It is important to us that students are not graded for understanding during the learning process. Therefore, not all tasks in this class will be traditionally graded (a.k.a. a grade will not appear in the grade book). However, feedback will be provided to further the learning process. Yes, everything we do in this class COUNTS...most importantly for your learning.

## MS. D AND U'S CLASSROOM RESOURCES

- **Unit Calendar**

At the beginning of each unit you will receive a calendar that includes dates and due dates for each daily lesson and corresponding assignment. The unit calendar will also be posted on the geometry wikispace. *If you are absent you are responsible for the lesson activity and assignment.*

- **Geometry Wikispace:** <http://evergreengeometry.wikispaces.com>

You are expected to check the wikispace at least three times a week (ideally the night before each class). If you do not have internet access or have slow internet access, please take advantage of the before and after school library hours.

- **Selected Answers**

Please use the back of your book (pgs. 727-759) to self-assess while working on odd problems from the book.

**"Yes, everything we do in this class COUNTS...most importantly for your learning."**

## ACCOUNTABILITY

Students and Parents:

Your signature below affirms that you understand all components of the syllabus.

Student Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

We look forward to an exciting year filled with new experiences for all of us!

Teacher Stamp

Sources used to create this syllabus:

<http://math.about.com/od/geometry/a/whygeom.htm>

[http://www.mce.k12tn.net/math/math\\_vocabulary/geometry.gif](http://www.mce.k12tn.net/math/math_vocabulary/geometry.gif)